

**AMENDMENTS TO THE CLAIMS**

**Claims**

Claim 1 (original): A method of assessing the immune status of an individual comprising detecting the expression level of one or more genes expressed at different levels depending upon the rate of hematopoiesis or the distribution of hematopoietic cells along their maturation pathway in said individual.

**Please cancel claim 2.**

**Claims 3-91 (canceled).**

Claim 92 (new): The method of claim 1, wherein said one or more genes comprise a nucleotide sequence selected from the group consisting of SEQ ID NO: 52, SEQ ID NO: 67, SEQ ID NO: 19, SEQ ID NO: 39, SEQ ID NO: 63, SEQ ID NO: 26, SEQ ID NO: 68, SEQ ID NO: 13, SEQ ID NO: 200, and SEQ ID NO: 36.

Claim 93 (new): The method of claim 1 wherein said expression level is detected by measuring the RNA level expressed by said one or more genes.

Claim 94 (new): The method of claim 92, further including isolating RNA from said patient prior to detecting said RNA level expressed by said one or more genes.

Claim 95 (new): The method of claim 92 wherein said RNA level is detected by PCR.

Claim 96 (new): The method of claim 92 wherein said RNA level is detected by hybridization.

Claim 97 (new): The method of claim 93 wherein said RNA level is detected by hybridization to an oligonucleotide.

Claim 98 (new): The method of claim 97 wherein said oligonucleotide comprises DNA, RNA, cDNA, PNA, genomic DNA, or synthetic oligonucleotides.